

Amendment in the Claims

Claims 1-4 (canceled)

5. (currently amended): An isolated microsporidian polar tube protein consisting of the sequence between amino acids 23 and 395 of SEQ ID No: 6 ~~SEQ ID No: 1~~.

Claims 6-32 (canceled)

33. (currently amended) A pharmaceutical composition ~~which prevents infections caused by microsporidians of species *Encephalitozoon cuniculi*~~ comprising the isolated microsporidian polar tube protein of an active protein according to Claim 5 and a pharmaceutically acceptable carrier.

34. (previously presented) The composition of Claim 33, wherein said composition forms antibodies against at least one polar tube selected from the group consisting of *E. intestinalis*, *E. cuciculi* and *E. hellem*.

35. (currently amended) The composition of Claim 33, wherein an antibody has a crossed immunological reaction with the polar tube protein of SEQ ID No: 6 ~~SEQ ID No: 1~~.

36. (previously presented) An immunogenic composition comprising a protein according to Claim 5, and a pharmaceutically acceptable carrier.